

### ***Motor Startup Procedure***

- Check fuel level and top off with regular 87 octane if necessary
- Open gas tank vent (small button in center of large tank cap)
- Lower engine mount WITHOUT stressing fuel/electrical lines
- Place engine shift lever (front of motor) in NEUTRAL (straight up)
- Turn on ONE battery at master switch near stairs

### ***Cold Starts (1<sup>st</sup> of the Day)***

- Squeeze priming bulb on fuel line 4-6 times until firm
- Turn throttle at the end of throttle stalk to START position
- Pull out choke button (next to shift lever) ONLY if engine cold
- Push the engine start button (black button near fuel line)
- Reduce choke after starting; push in completely after warm up

### ***Warm Starts (Restarts within a few hours)***

- Squeeze priming bulb on fuel line 1-2 times if needed
- DO NOT CHOKE (use only if engine is cool and fails to start)
- Turn throttle at the end of throttle stalk to RESTART position
- Push the engine start button (black button near fuel line)

### ***Motor Operation***

- If engine start button does not respond, check shift lever again
- Check that cooling water test stream is good
- Shift quickly into or out of neutral WITH THROTTLE DOWN (idle)
- Do NOT shift directly from forward to reverse or vice versa
- To go forward, pull shift lever forward
- To reverse, push shift lever back
- Advance throttle by turning grip counter-clockwise (+θ in polar coordinates)
- Be careful that throttle stalk is not in contact with boat

### ***Motor Shutdown Procedure***

- Reduce throttle to full low idle position (clockwise)
- Shift into Neutral
- Push and hold the red 'kill' button for 5 seconds.

### ***At Dock***

- Raise engine mount and place throttle stalk in vertical position
- Run dock line past small cleat to keep the line away from the engine
- OK to leave tank vent button open to avoid pressure build up
- Close tank vent if tank has to be transported or water exposure possible
- Slide back the round metal collar to disconnect fuel line IF NECESSARY